Rec Nov 3^d
Ans — 8

White Salmon, Klickitat Co., Wash. Terr.
Oct. 21. 1881.

George Engelmann, M. D.

Dear Sir:

Excuse me, if I venture to send you several plants, which I would like to have named. I send a package, containing 8 or 9 plants, and I hope you will be kind enough, to tell me, a stranger to you, what they are.

Nos. 1 and 2 are both forms of Pirus rivularis, I think. The second has larger, nearly globular, somewhat wooly fruit. No 3, P. sambucifolia? differs from the more common form, in the leaves, which are obtuse, and entire towards the base. Fruit smaller and deeper red. — No 4 is from quiet, shallow ponds. Stems erect,

leaves very acute and narrow. — I would take No. 5 for *Thuya gigantea* but for the 3 seeds to each scale.

Mr. Pringle gave me Your address, and advised me, to send such plants as these to you.

Very Respectfully Yours

W. N. Suksdorf.

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No. 1. Pirus rivularis var ~~glabrata~~ laevigata
2. Pirus rivularis grandis
3. Pirus sambucifolia?
4. Callitriche verna
5. Thuya gigantea? 3 oval!
6. Luzula ~~spadicea~~? parviflora
7. Juncus acuminatus? Oregana
8. Isoetes Nuttallii
9. Isoetes Bolanderi

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Rec Dec 21st
Ans — 22

White Salmon, Wash. Dec. 7.
1881

Geo. Engelmann, M. D.

Dear Sir:

Your favor of Nov. 8. was received. Please accept my thanks for naming the plants. I am very happy, because there was some thing interesting for You. To-day I forward a parcel containing a few more specimens of Juncus Oreganus, Engelm. Some of them were collected a day or two ago. The plants grows at a springy place on rocks. - As I have no good specimens of the other mountain ash, I send a small piece, which I picked up some years ago. I did not see any fruit

nor flowers this season. According to the descriptions in *Gray's Manual*, one might take this form with acute leaves for *Pirus Americana* and the other for *P. sambucifolia*, except that the leaves of the latter are serrate only at the apex, and that the fruit is smaller than in the other, instead of larger. But after comparing both with *P. sambucifolia* as described in the Botany of California, the acute-leaved form might be taken for *P. sambucifolia* The two forms, as they appear on Mt. Paddo (Adams) seem very distinct. The obtuse-leaved form is found in the alpine region at an altitude of 6-7000 ft. The other is farther down on rocky hillsides. Both are small, about 3-5 ft. but no doubt larger sometimes.

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I have included also a few specimens of pines. That one with large seeds is perhaps P. flexilis, var. albicaulis, the other two are forms of P. contorta I beleive. The one with short thick cones is very common in Falcon Valley (2000 ft. alt.) in water and wet places, extending up to the alpine region of Mt. Paddo. The other, which has more cylindric cones and lighter, smoother bark is from a higher locality (about 7000 ft. alt.).

Very truly Yours

W. N. Suksdorf.

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Rec Nov 6
Ans — 9

White Salmon, Wash. T., Oct. 25. 1882.

Dr. Engelmann.

Dear Sir:

I send another package of plants to you again this fall, and hope you will name the plants for me. There are specimens of both forms of Pirus. The fruit of the one is red, oblong or pear-shaped; that of the other is larger, orange and globular. I have seen no connecting forms yet, still both forms may belong to one species: Pirus sambucifolia.

Very Respectfully Yours

W. N. Suksdorf.

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Rec Dec 12
Ans — 13

White Salmon Washington T.
6. Dec 1883.

Dr. George Engelmann.

Dear Sir;

I have a Cuscuta of which I do not know the specific name. I send a specimen of it herewith. Will you kindly determine its name and inform Mr. H. N. Patterson of Oquawka Ill.? But never mind if it causes you any trouble, or if the package does not reach you soon. I had a number of plants for you this season, but since you was absent I sent them to Mr. Watson and Dr. Gray. There were no new

ones among the lot.

Yours very truly

W. N. Suksdorf

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